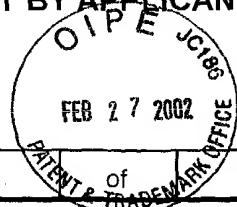


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Complete if Known

Application Number	09/993,501
Filing Date	27 November 2001
First Named Inventor	Norman G. ANDERSON
Group Art Unit	1655
Examiner Name	

Sheet

1 of 3

Attorney Docket Number

2316-149

RECEIVED

MAR 01 2002

U.S. PATENT DOCUMENTS

TECH CENTER 1600 2900

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
W	1	3468474		Shoblom et al.	09/23/1969
	2	3481712		Berstein et al.	12/10/1969
	3	3916205		Kleinerman	10/28/1975
	4	3957653		Blecher	05/18/1976
	5	4003834		Coombs	01/18/1977
	6	4106907		Charlton et al.	08/15/1978
	7	4214993		Forsythe, Jr. et al.	07/29/1980
	8	4260873		Simmonds	04/17/1981
	9	4303616		Kano et al.	12/01/1981
	10	4369117		White	01/18/1983
	11	4436631		Graham, Jr. et al.	03/13/1984
	12	4480038		Cheng	10/30/1984
	13	4558947		Wardlaw	12/17/1985
	14	4624835		Davis et al.	11/25/1986
	15	4695431		Farrell	09/22/1987
	16	4717660		Schulte	01/05/1988
	17	4861477		Kimura	08/29/1989
↓	18	4865812		Kuntz et al.	09/12/1989

Examiner Signature

Wile W

Date Considered

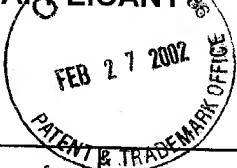
11/11/2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT



Complete if Known			
Application Number		09/993,501	
Filing Date		27 November 2001	
First Named Inventor		Norman G. ANDERSON	
Group Art Unit		1655	
Examiner Name			
Sheet	2	of	3
		Attorney Docket Number	
		2316-114	

RECEIVED

MAR 01 2002

TECH CENTER 1600/2900
MM-DD-YYYY

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
MM	19	5030421		Muller	07/09/1991
	20	5236604		Fiehler	08/17/1993
	21	5260032		Muller	11/09/1993
	22	5277873		Hsei	01/11/1994
	23	5342790		Levine et al.	08/30/1994
	24	5422018		Saunders et al.	06/06/1995
	25	5449621		Klein et al.	09/12/1995
	26	5488469		Yamamoto et al.	01/30/1996
	27	5489396		Bous	02/06/1996
	28	5550060		Saunders et al.	08/27/1996
	29	5531104		Futterer et al.	07/02/1996
	30	5552310		Yoshikura et al.	09/03/1996
	31	5558998		Hammond et al.	09/24/1996
	32	5599664		Schwartz	02/04/1997
	33	5632905		Haynes	05/27/1997
	34	5663051		Valasselaer	09/02/1997
	35	5853894		Brown	12/29/1998
	36	6074614		Hafeman et al.	06/13/2000

Examiner Signature

Muller

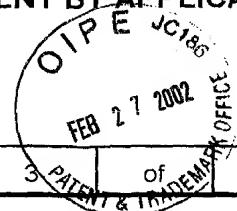
Date Considered

11/1/2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT



		Complete if Known	
		Application Number	09/993,501
		Filing Date	27 November 2001
		First Named Inventor	Norman G. ANDERSON
		Group Art Unit	1655
		Examiner Name	
Sheet	3	Attorney Docket Number	2316-149 RECEIVE

FOREIGN PATENT DOCUMENTS

MAR 01 2002

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant or Cited Document	TECH CENTER 1600/2900 Date of Production of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
u	37	EP	412431	A3	Becton Dickinson and Company	02/13/1991	
	38	EP	595641	A2	Becton Dickinson and Company	05/04/1994	
	39	EP	602416	A1	Becton Dickinson and Company	06/22/1994	
	40	EP	823633 (Abstract)	A1	Komanns	02/11/1998	
u	41	JP	4036636 (Abstract)	A1	Canon Inc.	02/06/1992	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
u	42	N.G. Anderson et al., "Separation of Subcellular Components and Viruses by Combined Rate- and Isopycnic-Zonal Centrifugation," <i>Nat. Cancer Inst. Monogr.</i> 21:253-283 (1966) (pgs. 253-269).	
	43	G. Siuzdak, "Probing Viruses with Mass Spectrometry," <i>J. Mass Spectrometry</i> 33:203-211 (1998).	
	44	C.K. Tinkler et al., <i>The Chemistry of Petroleum and its Substitutes, A Practical Handbook</i> , Crosby Lockwood and Son, London, pp. 172-173 (1917).	
	45	R. Cross, "A Handbook of Petroleum, Asphalt and Natural Gas," Bulletin No. 25, Kansas City Testing Laboratory, Kansas City, MO, pp. 648-649 (1928 Revision).	
	46	<i>Tentative Method of Test for Water and Sediment by Means of Centrifuge</i> , ASTM Designation D96-50T (1950).	
	47	Fisher Scientific Catalog, pg. 417 (1998).	
	48	The ultimate high-capacity personal ultracentrifuge from Beckman Company, pp. 1-2, 1998.	
u	49	N.E. Bowles et al., "A Simple and Efficient Method for the Concentration and Purification of Recombinant Retrovirus for Increased Hepatocyte Transduction <i>In Vivo</i> ," <i>Hum Gen Ther</i> 7:1735-1742 (1996).	

Examiner Signature	<i>u</i>	Date Considered	11/02/2002
--------------------	----------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.